



Gulf of Mexico Harmful Algal Bloom Bulletin

Region: Texas

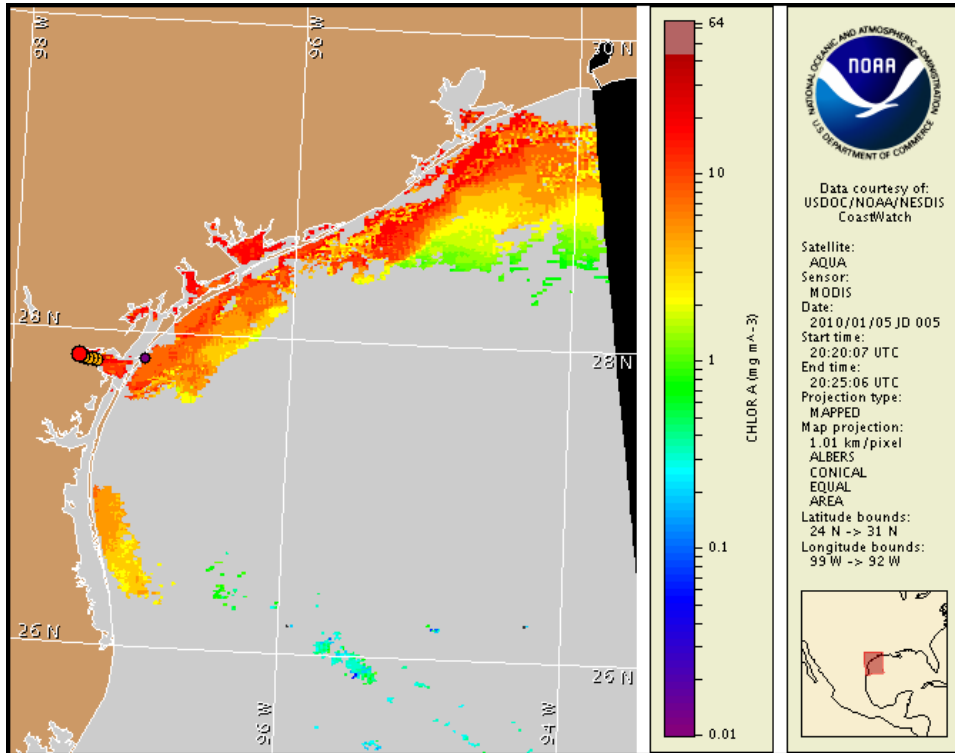
6 January 2010

NOAA Ocean Service

NOAA Satellites and Information Service

NOAA National Weather Service

Last bulletin: December 22, 2009



Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from December 27 to January 5 shown as red (high), orange (medium), yellow (low b), brown (low a), blue (very low b), purple (very low a), pink (present), and green (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide:

http://tidesandcurrents.noaa.gov/hab/habfs_bulletin_guide.pdf

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1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Image products may be published in newspapers. Any other publishing arrangements must receive GeoEye approval via the CoastWatch Program.

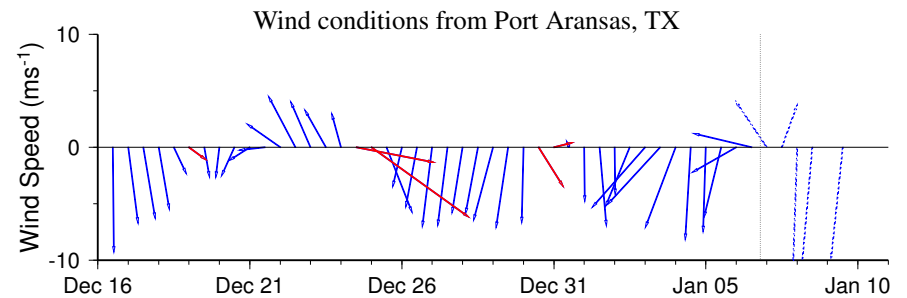
Conditions Report

A harmful algal bloom continues in Corpus Christi Bay. Patchy high impacts are possible within the Bay through Saturday.

Analysis

A harmful algal bloom continues in Corpus Christi Bay. Imagery indicates a high chlorophyll feature along most of the Texas coastline, however, this feature is most likely a result of resuspension and/or Mississippi plume water. State sampling on December 30 indicates that high levels of *K. brevis* were still being observed within Corpus Christi Bay, however, counts had dropped significantly in South Padre. Dead fish and aerosols were reported in the region on December 30. Due to extremely high wind speeds through Saturday, high impacts are possible within Corpus Christi Bay through Saturday.

-Tomlinson, Neff

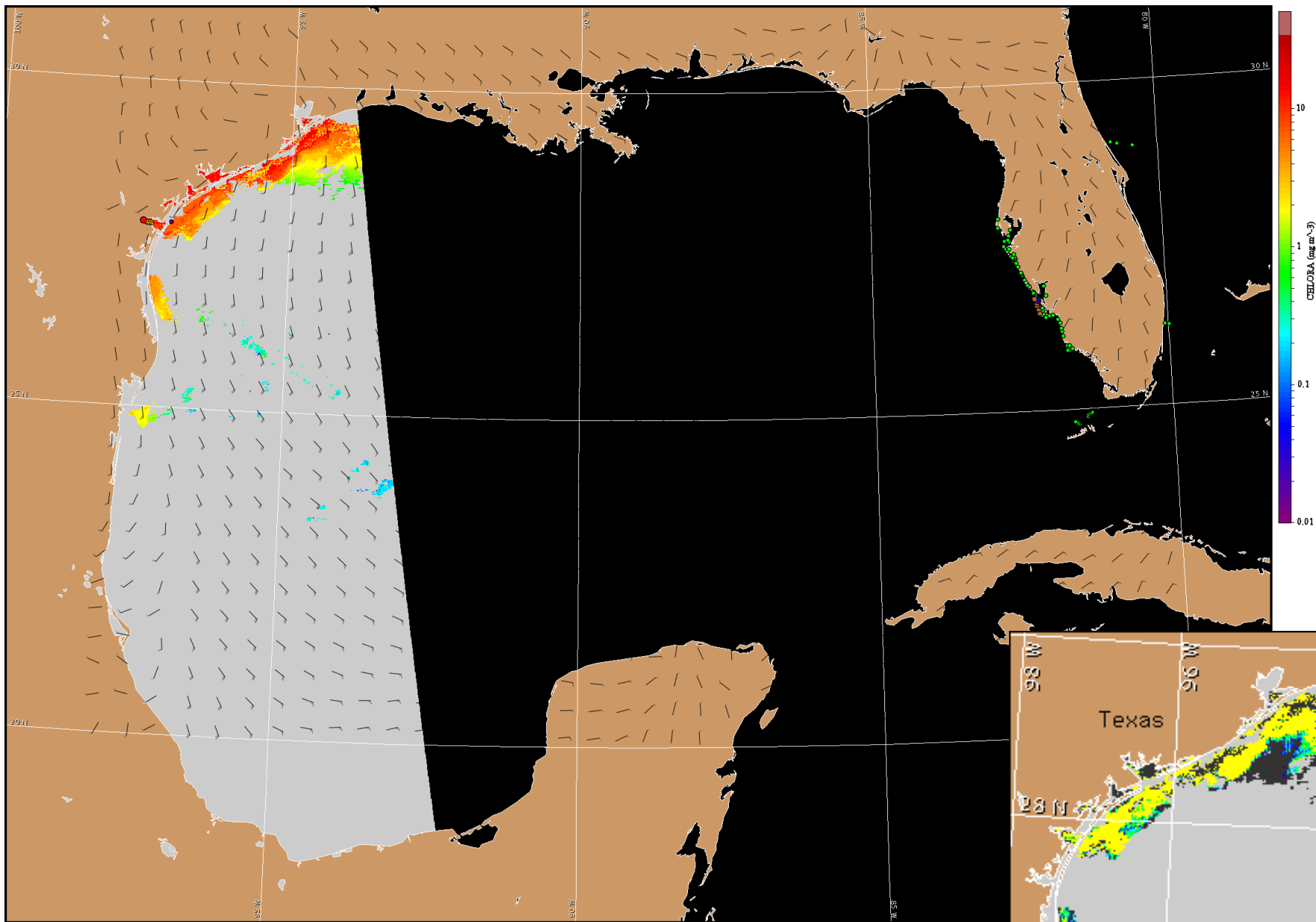


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts. Wind observation and forecast data provided by NOAA's National Weather Service (NWS).

Wind Analysis

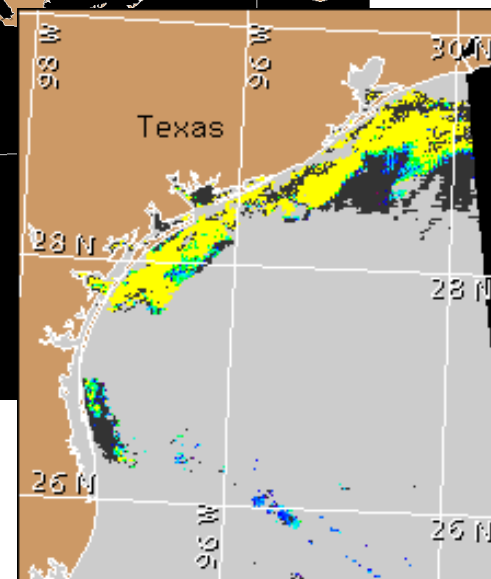
Southeasterly winds (10-15 knots) today are expected to intensify and shift westerly on Thursday (15-20 knots becoming 25-35 knots), followed by strong northerlies (20-30 knots) through Saturday.

To see previous bulletins and forecasts for other Harmful Algal Bloom Bulletin regions, visit the NOAA CoastWatch bulletin archive: http://coastwatch.noaa.gov/hab/bulletins_ns.htm



Satellite chlorophyll image and forecast winds for January 7, 2010 12Z with Cell concentration sampling data from December 27 to January 5 shown as red (high), orange (medium), yellow (low b), brown (low a), blue(very low b), purple (very low a), pink (present), and green (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide:

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Verified and suspected HAB areas shown in red. Other areas of high chlorophyll concentration shown in yellow (see p. 1 analysis for interpretation).